EXP-3 WATER JUG PROBLEM

PROGRAM

def water\_jug():

jug1 = 0

jug2 = 0

while True:

print(f"Jug 1: {jug1}L, Jug 2: {jug2}L")

if jug1 == 2 or jug2 == 2:

print("Goal reached!")

break

if jug1 == 0:

jug1 = 4

elif jug2 != 3:

pour = min(jug1, 3 - jug2)

jug1 -= pour

jug2 += pour

else:

jug2 = 0

water\_jug()

OUTPUT

